URBAN DISTRICT OF CLECKHEATON.

Annual Report

OF THE

MEDICAL OFFICER OF HEALTH

YEAR ENDED 31st DECEMBER, 1908.

J. A. SUTHERLAND, M.B., C.M.,

MEDICAL OFFICER.

STATISTICAL MEMORANDA, 1908.

Population, 1891	11826
„ 1901	12520
„ estimated to middle of 1908	13000
Inhabited Houses at end of 1908...	3421
Acreage	1755 acres.
Birth Rate...	19.92.
Death Rate	~~14·18.~~ 13·61
Other Death Rates:	
Cancer	1·15
Zymotic (seven principal diseases)	.53
Respiratory (excluding Phthisis)	2.69
Infantile Mortality per 1000 Births	115·8

VITAL STATISTICS FOR ENGLAND AND WALES.

ITEM.	England and Wales.	Great Towns 76	Smaller Towns 142	England and Wales less the 218 towns,
Birth Rate	26.5	27 0	26.0	26·2
Death Rate	14·7*	14·9	14.0	14.7
Zymotic Death Rate ...	1·29	1.59	1·26	0·99
Infantile Mortality per 1000 Births ...	121 *Lowest on Record.	128	124	110

MEDICAL OFFICER'S ANNUAL REPORT.

31st Dec., 1908.

TOWN HALL,
CLECKHEATON,
25th March, 1909.

To the Chairman and Members of the Urban District Council of Cleckheaton.

GENTLEMEN,

I have great pleasure in laying before you my third Annual Report on the Health and Sanitary condition of the District for the year ending 31st December, 1908.

The report on the whole is satisfactory, and in respect of notifiable infectious diseases, their prevalence has been less even than in 1907, and at no time during the year have any of the non-notifiable diseases been prevalent. Many sanitary improvements have been carried out, and a number more are in process.

The paving of back yards and some streets is a work that is desirable, as in many cases they are only repaired by the use of engine ashes; a mode of repair bad in summer from the dust and in winter from the mud. The ash is, moreover, frequently carried into the sewers, and much inconvenience is thereby caused.

The Webb destructor lamps (3) have worked well, and have been the means of removing, in their area, any cause of complaint of drain smells. There are several points where their erection would be of great benefit, such as the top of New Lane, Scholes, Balme Road, Whitcliffe Road, and at the dead ends of sewers.

The Market sanitary arrangements are a great improvement and leave nothing to be desired.

The milk supplied to the district is, on the whole, good. I have tested several samples and all were pure. The conditions under which it is produced might in some cases be improved, but the cow-keepers generally are trying to improve matters.

The care of the streets has been well looked after, but might be improved by the placing of wire baskets to receive waste paper, banana skins, etc.

The Birth Rate is slightly lower than last year. The Death Rate, whilst lower than the average for 10 years, is higher than last year.

POPULATION.—The population was estimated at the middle of the year at 13000, an increase on the previous year of 70. The population is distributed in the three Wards as follows:—

Cleckheaton	...	...	10,600
Scholes	...	...	1,750
Oakenshaw	...	...	650
	TOTAL	...	13,000

BIRTHS.—The total number of births registered during the year was 259, a decrease of 8 on the preceding year. Of those infants 131 were males and 128 females. The total birth rate was 19·92, a decrease of 0·72 on 1907. The rate for the whole of England and Wales was 26·5 per 1000, and the ratios of the past five years were as follows:—

Year.		Number.		Rate per 1000.
1904	...	278	...	21·84
1905	...	278	...	21·72
1906	...	260	...	20.20
1907	...	267	...	20.64
1908	...	259	...	19·92

The numbers and rates for each Ward are as follows:—

Ward.	Rate per 1000. 1908.		Rate per 1000. 1907.		Rate per 1000. 1906.	
Cleckheaton ...	216 ...	20·37	216 ...	20·48	207 ...	19.61
Scholes ...	34 ...	19·42	42 ...	24·13	42 ...	24.35
Oakenshaw ...	9 ...	13.84	9 ...	13·95	11 ...	17.18

ILLEGITIMACY.—The number of Illegitimate Births registered was 11, an increase on the previous year of 7. This number is equal to a percentage of all births of 4.24.

QUARTERLY RETURNS OF BIRTHS.

	Males.	Females.	Total.
First Quarter ...	39 ...	33 ...	72
Second ,, ...	32 ...	30 ...	62
Third ,, ...	31 ...	35 ...	66
Fourth ,, ...	29 ...	30 ...	59
TOTALS ...	131	128	259

DEATHS.—The total number of deaths registered during the year was 177. One death occurred in the North Bierley Joint Hospital (a Hunsworth resident) and a Liversedge resident died in another institution. These have to be deducted. On the other hand I have notices of the deaths of 4 Cleckheaton residents who died out of the district. The corrected number therefore becomes 179, an increase of 35 on last year. Of these deaths 83 were males and 96 females.

QUARTERLY RETURNS OF DEATHS.

	Males.	Females.	Totals.
First Quarter ...	20 ...	25 ...	45
Second ,, ...	17 ...	30 ...	47
Third ,, ...	22 ...	16 ...	38
Fourth ,, ...	24 ...	25 ...	49
TOTALS ...	83	96	179

31st Dec., 1908.

The total annual death rate is equal to 13·61, an increase of 2·63 on the year before. The rate for England and Wales for the same period is 14·7 (*lowest ever recorded*).

COMPARATIVE TABLE FOR THE PAST TEN YEARS.

1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.
13·41	14.77	16·93	13·34	12·88	1·571	14·53	15·07	11·13	13 61

Average for 10 years 14·13.

The separate numbers and rates for each Ward were as follows :—

	1908.		1907.		1906.	
	No.	Rate per 1000.	No.	Rate per 1000.	No.	Rate per 1000.
Cleckheaton ...	154 ...	14·52	116 ...	11·00	172 ...	16·38
Scholes ...	19 ...	10·92	23 ...	13·21	20 ...	11·65
Oakenshaw ...	6 ...	9·23	5 ...	7·75	12 ...	18·75

INFANTILE MORTALITY.—The number of Infantile Deaths registered, *i.e.*, of children under one year of age, was 30, an increase of 6. This equals a percentage of all deaths of 16·75, a percentage of all births of 11·58, and a total annual death rate of 2·30. The Infantile Mortality is therefore 115·8, this being the rate per 1000 births as compared with 89·8 for last year, and with 121.0 for England and Wales.

RATES FOR THE PAST FIVE YEARS.

1904.	1905.	1906.	1907.	1908.
158·2	136.5	130·7	89.8	115·0

On analysing the figures we get the following results :—

	1908.	1907.
Premature Birth and Deficient Vitality at Birth...	6	9
Bronchitis	7	7
Diarrhœa	3	0
Meningitis	3	1
Convulsions (Teething)	3	3
Tuberculosis	0	2
Whooping Cough	1	0
Other Diseases	7	2
TOTAL ...	30	24

This rate, though lower than in some previous years, is higher than it ought to be.

Over one year and under five years of age the number of deaths was 12, an increase of 1. This gives a percentage of all deaths of 6·70, a percentage of all births of 4·63, and a total annual death rate of ·92. The total number of deaths therefore of children under 5 years of age was 42, an increase of 7 on the previous year. This number is equal to a percentage of all deaths of 23·46, to a percentage of all births of 16·21, and a total annual death rate of 3·23, compared with 2·70 in 1907, 5·36 in 1906, and 3·97 in 1905.

TABULAR STATEMENT OF DEATHS AT ALL AGES.

Age	0-1	1-5	5-15	15-25	25-65	65 and upwards.
1908 ...	30	12	10	11	59	55
1907 ...	24	11	5	5	38	61
1906 ...	34	36	19	10	49	56
1905 ...	38	12	8	14	59	57

SENILE MORTALITY.—The total number of deaths over 70 was 38, a decrease of 3. Of these 17 were males and 21 females. The combined ages equal 2879 years, or an average of 79·76. The oldest inhabitants who died were a female and a male, each aged 86.

CAUSES OF DEATHS.

ZYMOTIC DISEASES.—From Zymotic Diseases 7 deaths occurred, an increase of 4 from last year.

	1908.			1907.		
DISEASE.	No. of Deaths.	Percentage of all Deaths.	Death Rate for 1908.	No. of Deaths.	Percentage of all Deaths.	Death Rate for 1907.
Small Pox ...	0	0 00	0·00	0	0·00	0·00
Measles... ...	0	0·00	0·00	0	0·00	0·00
Scarlet Fever ...	0	0·00	0·00	0	0·00	0.00
Diphtheria ...	2	1·11	.15	1	·69	.07
Whooping Cough...	1	.55	.07	0	0.00	0.00
Enteric Fever ...	1	.55	.07	1	.69	.07
Diarrhœa ...	3	1.67	.23	1	.69	.07
TOTALS ...	7	3·88	.52	3	2·07	·21

These 7 deaths are equal to a percentage of all deaths of 3.91, and to a total annual death rate of ·53. In 1907 the rate was ·23. For the year 1908 the rate for England and Wales was 1·29.

MORTALITY FROM SOME OTHER DISEASES.

Disease.	No. of Deaths.	Per cent of all Deaths.	Death Rate for 1908.	No. of Deaths.	Per cent of all Deaths.	Death Rate for 1907.	Death Rate for 1906.	Deaths in 1906.
Phthisis ...	9	5·02	0·69	7	4·86	0·54	0·46	26
Disease of Respiratory Organs	35	19·55	2·69	42	29·16	3·24	2·56	36
Heart Disease ...	22	12·29	1·69	15	10.41	1·16	1·78	21
Bright's Disease.	3	1·67	0.23	6	4.16	0·46	0.31	3
Influenza ...	0	0·00	0.00	2	1.38	0·15	0.15	1
Cancer ...	15	8·37	1.15	9	6.25	0.69	0.93	12
TOTALS ...	84	46·90	6·45	81	56·22	6·24	6·19	99

PHTHISIS.—The number of deaths from this disease is 9, or 2 more than last year. Voluntary notification of this disease has yielded no results. Under the Public Health (Tuberculosis) Act, 1908, it will be necessary to keep a register of all cases of Pulmonary Tuberculosis occurring amongst poor persons, who are in receipt of outdoor or indoor relief, and notified by the District Medical Officer. In every fatal case, the offer of disinfection of the house and clothing has been made and in most cases accepted, but as it is some time after the death, till information is received, it would assist matters if arrangements could be made whereby early information could be received from the Registrar, instead of waiting for the monthly return.

CANCER has caused 15 deaths, 10 in persons aged from 25 to 65, and 5 above 65.

The number of Inquests held during the year was 9, as compared with 4 in 1907, 6 in 1906, 8 in 1905, and 6 in 1904. Two cases of accident, two cases of suicide, and five from natural causes.

MORTUARY.—The Mortuary has not been used during the year.

DISPOSAL OF THE DEAD.—30 Interments had taken place in the Cemetery in Whitechapel Road. Total since opening of Cemetery, 113.

SANITARY ADMINISTRATION.

NOTIFICATION OF INFECTIOUS DISEASES—The Notifications of Infectious Diseases received number 47, as compared with 50 in 1907, 147 in 1906, 105 in 1905, 99 in 1904 and 125 1903. Scarlatina, 31; Diphtheria, 4; Enteric Fever, 3; Erysipelas, 8; Puerperal Fever, 1. Of these notifications, 33 occurred in back-to-back houses and 14 in through houses.

31st Dec., 1908.

DISTRIBUTION AND COMPARATIVE STATEMENT FOR THE PAST THREE YEARS.

WARD.	Scarlatina.			Enteric Fever.			Small Pox.			Erysipelas.			Diphtheria		
	1908	1907	1906	1908	1907	1906	1908	1907	1906	1908	1907	1906	1908	1907	1906
Cleckheaton	30	24	55	3	5	6	0	0	0	8	3	4	3	6	38
Scholes	1	7	30	0	0	0	0	0	0	0	1	0	0	2	8
Oakenshaw	0	0	2	0	1	0	0	0	0	0	0	0	1	1	3
TOTALS ...	31	31	87	3	6	6	0	0	0	8	4	4	4	9	49

TABLE OF CASES SENT TO HOSPITAL.

WARD.	Scarlatina		Small Pox.		Enteric Fever.		Diphtheria	
	1908	1907	1908	1907	1908	1907	1908	1907
Cleckheaton	26	19	0	0	2	5	1	5
Scholes	1	4	0	0	0	0	0	1
Oakenshaw	0	0	0	0	0	0	0	1
TOTALS ...	27	23	0	0	2	5	1	7

The 8 Erysipelas cases and the Puerperal Fever case were not eligible for hospital treatment. Of the remaining 37 cases, there were removed 30, or 81·08.

REMOVAL PERCENTAGE FOR PAST FIVE YEARS.

1904.	1905.	1906.	1907.	1908.
87%.	90%.	83·8%	76·08%.	81·08%.

HOSPITAL ACCOMMODATION.—The North Bierley Joint Hospital was equal to all requirements.

The Small Pox Hospital fortunately has not been requisitioned, but it is kept ready, so that, if needed, it would be available in a few hours.

WATER CLOSETS, ETC.—During the year 1 Waste Water Closet, 43 overhead and 7 underground flush W.C's have been erected.

In my last report particulars of a number of Privy Middens that required attention was given. I am glad to state that arrangements for their conversion into W.C's. is in progress, and will be carried out before long.

SANITARY WORK.—Taken from form 572 :

Class of Building.	No.	Sanitary Condition.
Common Lodging Houses ...	0	
District Council's Slaughter-house	1	Good.
Private Slaughter-houses ...	8	do.
Workshops	87	Clean and not overcrowded
Workplaces	7	do. do.
Bakehouses	12	All in satisfact'ry condition
Fried Fish Shops	10	do. do.
Cowsheds	30	Fairly satisfactory.
Offensive Trades	0	

INSPECTION WORK.

	1908.	1907.	1906.
Houses inspected	150	160	150
Factories	150	180	280
Privy Middens removed	12	32	47
Earth Closets erected	0	19	8
Water Closets erected	69	26	53
Waste Water Closets erected	6	1	4
Drains, &c., Flushed (using 171,000 gallons of water)	168	150	226
Air Shafts erected	10	10	14

House Accommodation.—46 new houses have been built and certified for occupation during the year. All are through-houses.

Bacteriological Analyses.—During the year 20 specimens were forwarded to the West Riding Laboratory at Wakefield, viz. :—Blood for Enteric Fever, 5 ; Throat Swabs for Diphtheria, 6 ; Sputum for Tuberculosis Bacillus, 8 ; Urine, 1.

Water Supply.—The quality of water supplied by the Bradford Corporation has been satisfactory, and has never been deficient in quantity.

Scavenging.—This work, carried out by the Council's staff, has on the whole been satisfactory.

Sewerage.—Several new main drains have been laid during the year, and the township has now a very efficient modern system. The sewage is by arrangement treated by a neighbouring authority. Scholes Ward sewage is satisfactorily treated in its own area by irrigation, and that from Oakenshaw by precipitation. An application has been made to the Local Government Board for their sanction to a scheme for dealing more thoroughly with the sewage of Oakenshaw.

Smoke Nuisance.—During the year this has been more energetically taken in hand—numerous observations made and the greatest offenders warned, and promise of improvement given.

Destruction of Refuse.—The Refuse Destructor continues to do good work, and figures relating to it will be found in the Sanitary Inspector's report.

OTHER STATISTICS.

VACCINATION.—By the courtesy of the Vaccination Officer I have been enabled to tabulate the following figures.

	1908.	1907.
Infants Registered	259	267
,, Vaccinated at end of year	102	142
,, Deceased prior to possibility of Vaccination	16	27
Postponements, Removals and Unvaccinated ...	37	88
Certificates of Conscientious Objections ...	104	10
TOTALS	259	267

HORSE AMBULANCE.—The Horse Ambulance has been used on 12 occasions for accidents and 16 times for the removal of invalids, a total of 28 times for the year. From the 3rd September, 1897, to date, it has been out on service 260 times, 90 for accidents and 170 for invalids.

RAINFALL FOR PAST THREE YEARS. TEMPERATURE.

Month.	1908.	1907.	1906.	1908.		1907.		1906.	
				Max.	Min.	Max.	Min.	Max.	Min.
January ...	1·78 in.	1·60 in.	3·80 in.	52	20	48	22	51	31
February...	2·55 ,,	1·62 ,,	2·80 ,,	49	30	52	21	50	30
March ...	3·12 ,,	1·94 ,,	1·66 ,,	52	29	62	27	54	28
April ...	2·43 ,,	1·26 ,,	0·63 ,,	58	26	64	30	64	28
May ...	2·01 ,,	3·35 ,,	2·38 ,,	72	40	74	36	82	34
June ...	1·39 ,,	3·51 ,,	1·80 ,,	78	42	70	43	90	42
July ...	2·80 ,,	2·42 ,,	1·40 ,,	80	46	80	42	70	48
August ...	1·84 ,,	2·11 ,,	2·14 ,,	72	46	72	44	72	49
September	3·01 ,,	0·60 ,,	0·87 ,,	70	42	68	36	71	40
October ...	1·49 ,,	5·72 ,,	4·48 ,,	73	42	62	34	64	37
November .	1·67 ,,	2·78 ,,	3·41 ,,	56	33	55	31	59	33
December .	1·23 ,,	3·18 ,,	3·11 ,,	50	16	52	30	56	22
Total ...	25·32 in.	30·09 in.	28·48 in.						

FACTORY ACT ADMINISTRATION.—Appended are figures, details of the administration of this Act.

FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES, and HOMEWORK.

1.—INSPECTION.

Including inspections made by Sanitary Inspectors or Inspectors of Nuisances.

PREMISES.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories ... ... (Including Factory Laundries)	150	Nil.	Nil.
Workshops ... ... (Including Workshop Laundries)	100	Nil.	Nil.
Workplaces ... ... (Other than Outworkers' Premises, included in part 3 of this report)	30	Nil.	Nil.
TOTAL	280	Nil.	Nil.

2.—Defects found in Factories, Workshops, and Workplaces.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector	
Nuisances under the Public Health Act :				
Want of Cleanliness				
Want of Ventilation				
Overcrowding				
Want of drainage of floors ...				
Other Nuisances				
Sanitary Accommodation— Insufficient ... ... / Unsuitable or defective ... / Not separate for sexes ...	5	5		
Offences under the Factory and Workshop Act :				
Illegal occupation of underground bakehouse (s. 101)				
Breach of special sanitary requirements for bakehouses (s.s. 97 to 100)				
Other offences				
Total	5	5		

3.—Home Work.

NATURE OF WORK.*	OUTWORKERS' Lists received from Employers. Sending twice in the year. Lists †	Outworkers. Contractors.	Outworkers. Workmen.	Sending once in the year. Lists	Outworkers. Contractors.	Outworkers. Workmen.
1	2	3	4	5	6	7
Wearing Apparel—						
(1) Making, etc.						
(2) Cleaning and washing... ...						
Lace, lace curtains and nets						
Artificial flowers						
Nets, other than wire nets						
Tents						
Sacks						
Furniture and upholstery						
Fur pulling						
Feather sorting						
Umbrellas, etc.						
Carding, etc., of buttons, etc.						
Paper bags and boxes						
Basket making						
Brush making						
Racquet and tennis balls						
Stuffed toys						
File making						
Electro plate						
Cables and chains						
Anchors and grapnels						
Cart gear						
Locks, latches and keys						
Pea picking						
Total						

* If an occupier gives out work of more than one of the classes specified in column 1, and subdivides included among those in column 2 (or 5 as the case may be) against the principal class *only*, but the outshould be added to show that this has been done.

† The figures required in columns 2, 3 and 4 are the *total* number of the lists received from those of names of outworkers in those lists. The entries in column 2 must necessarily be *even* numbers, as there figures in column 3 and 4 will usually be (approximately) double of the number of individual outworkers whose name will often be repeated.

§ In view of the wide discrepances found to exist between the totals in the two columns when the addressed should be counted which have actually been received from are forwarded to other Councils during

3.—Home Work.

LISTS, SECTION 107.					Inspection of Outworkers' premisees.	Outwork in Unwholesome Premises, Section 108.			Outwork in Infected Premises, Sections 109, 110		
Addresses of Outworkers. §		Notices served on Occupiers, as to keeping or sending lists.	Prosecutions								
Received from other Councils.	Forwarded to other Councils.		Failing to keep or permit inspection of lists.	Failing to send lists.		Instances.	Notices served.	Prosecutions.	Instances.	Orders made (Sec. 110).	Prosecutions (Sec. 109, 110
8	9	10	11	12	13	14	15	16	17	18	19

his list in such a way as to show the number of workers in each class of work. the list should be workers should be assigned in columns 3 and 4 (or 6 and 7) into their respective classes. A footnote

employers who comply strictly with the statutory duty of sending *two* lists each year and of the entries will be two lists for each employer—in some previous returns odd numbers have been inserted. The names are given, since in the February and August lists of the same employer, the same outworker's

returns are added together, it is desired that care may be taken to give exact figures. Only those the year covered by the report.

4.—Registered Workshops.

Workshops on the Register at end of Year.	Number.
Workshops on the Register (s. 132) at the end of 1908	87
Bakehouses	12
Workplaces	7
Total Number of Workshops on Register ...	106

5.—Other Matters.

Class.	Number.	
Matters notified to H.M. Inspector of Factories :	Nil.	
Failure to affix Abstract of the Factory and Workshop Act (S. 133)	Nil.	
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Act, but not under the Factory and Workshop Act (S. 5) :		
Notified by H.M. Inspector	4	
Reports (of action taken) sent to H.M. Inspector...	4	
Other	Nil.	
Underground Bakehouses (S. 101) :		
In use during 1908	Nil.	
Certificates granted during the year ...	Nil.	
In use at the end of 1908...	Nil.	
Homework :		
List of Outworkers :	Number of Lists.	Number of Outworkers.
Lists received...	1	1
Addresses of Outworkers :		
Forwarded to other Authorities ...	Nil.	
Received from other Authorities ...	Nil.	
Homework in unwholesome or infected premises :	Wearing Apparel.	Other
Notices prohibiting homework in unwholesome premises (S. 108)	Nil.	
Cases of infectious disease notified in home-workers' premises	Nil.	
Orders prohibiting homework in infected premises (S. 110)	Nil.	

Table C, 1908. CLECKHEATON SANITARY DISTRICT.

WATER SUPPLY.—Any development during 1908? No.

Developments still needed? Nil.

Has public supply been continuous? Yes.

Any complaint as to action on lead? No.

SEWERAGE.—Developments during 1908? 300 yards.

Developments still needed?

SEWAGE DISPOSAL.—Any complaint as to outfall Works? Sent out of district.

SCAVENGING.—Performed by Council's own staff.

Annual cost? £300.

Any inadequacy, and where? None.

BYE-LAWS.—Any adopted or sanctioned during 1908? None.

ADOPTIVE ACTS.—Any steps taken for the consideration, adoption, or application of:

(*a*) Notification of Births Act, 1907? No.

(*b*) Public Health Acts Amendment Act, 1907? Under consideration.

(*c*) Other Adoptive Acts? Nil.

Regulated Buildings, Trades, &c.	No. on Register.	Total No. of Inspections made.	General Conditions.	Legal Proceedings (if any).
Common Lodging-houses	0			
Canal Boats	0			
Slaughter Houses ...	9		All satisfactory ...	Nil.
Cowsheds	30		Mostly good ...	Nil.
Offensive Trades ...	0			

COWSHEDS.—Any special inspection during 1908? Several.

Are measurements recorded? Yes.

Are "Rules for Milkers" still exhibited in all cowsheds? Yes.

Any action taken by outside Authorities, *e.g.*, under "Milk Clauses" concerning milk supplied from this district? None.

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INFECTIOUS DISEASE.—What apparatus is available for disinfecting dwellings? Fumigation.

Any placards or handbills issued during 1908? No.

SCHOOLS.—Any ailment or contagious disease associated particularly with school-life during 1908? Remarkably free.

Any action taken or needed regarding sanitary condition of schools? No.

MIDWIVES ACT, 1902.—

Any information as to (*a*) the use of abortifacients? No.
(*b*) other malpractices? No.

DWELLINGS.—Number of houses built during 1908? 46.

General character? All through.

Do the new houses accord with Bye-Laws? Yes.

Who sees plans? Surveyor and Sanitary Inspector.

Any occupied houses unfit for habitation? None.

Any overcrowding of persons in houses? None known.

Any action taken under the Housing of the Working Classes Acts? No.

Is house-to-house inspection systematically made? Yes.

Are records kept? Yes.

INFANTILE MORTALITY.—

What organised effort to control it? None.

Any suggestions for action?

PREVENTION OF CONSUMPTION.—

Any system of Notification? Voluntarily notified by local practitioners on request of local authority.

Any sanitary inspection of patients' houses? Yes.

Any disinfecting of ditto? Yes.

Any distribution of advice? No.

Any action *re* spitting? No.

Any disinfection of public rooms, vehicles, etc.? Yes.

NUISANCES.—

Total number of nuisances in hand at close of 1908? 0.

At close of 1908? 2.

Reported during 1908? 76.

Abated during 1908 ? 73.

Total number of legal notices served for abatement of nuisances during 1908 ? 39.

Total number of summonses or other legal proceedings ? Nil.

No. of sink wastes disconnected during 1908 ? Nil.

Trapped ? All.

No. of closets newly constructed during 1908 ? 46.

Kinds : Waste water 3, overhead 43.

No. of closets reconstructed during 1908 ? 29.

Kinds : W.C. overhead 26, underground flush 7, waste 3.

No. of house-drains tested ? 12.

What method adopted ? Smoke rocket.

METEOROLOGY.—Mean temperature for 1908 ? 63.5.

Rainfall ? 25.32.

WHAT ACTION HAS BEEN TAKEN in regard to the following matters ?—

Seizure of unsound food ? 1 Tuberculosis meat.

Prosecutions ? Nil.

Samples under Sale of Foods and Drugs Acts ? Nil.

Prosecutions ? Nil.

No. of smoke observations taken ? 10.

Legal notices ? Nil. Summonses ? Nil.

No. of allotments provided under the Acts or otherwise during 1908 ? Nil.

BIRTHS DURING 1908—

Males, 131. Females, 128. Total, 259.

Number of illegitimate, included in above ? 11.

Number of still births (not included)? No records obtainable.

DEATHS DURING 1908.

(1) Gross Deaths, *i.e.*, total actually registered in the district. without any correction ? 177.

(2) Nett Deaths, on which the rates are calculated ?

Males, 83. Females, 96. Total, 179.

Number uncertified, included in the above ? None.

TABLE 1.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1907-8.

Year	Population estimated to Middle of each Year.	Births.		Total Deaths registered in the District.				Total Deaths in Public Institutions in the District	Deaths of Non-Residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate *	Number.	Rate per 1000 Births registered	Number.	Rate *				Number.	Rate.*
1		3	4	5	6	7	8	9	10	11	12	13
1906	12865	260	20.20	34	130·7	214	16·63	38	20	10	204	15·07
1907	12930	267	20.64	24	89.8	144	11·13	4	2	2	144	11·13
1908	13000	259	19·92	30	115·8	177	13·61	2	2	4	179	13·16

* Rates in Columns 4, 8, and 13, calculated per 1000 of estimated population.

Area of District in acres (exclusive of area covered by water) ... 1755.

Total population at all ages, 12520. Number of inhabited houses, 3051. Average number of persons per house, 4·10.
At Census 1901.

TABLE II.

VITAL STATISTICS OF SEPARATE LOCALITIES IN 1906, 1907, 1908.

Names of Localities.	CLECKHEATON.				SCHOLES.				OAKENSHAW.			
Year.	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births Registered.	Deaths at all ages.	Deaths under 1 year.
1906	10500	207	172	30	1725	42	20	4	640	11	12	0
1907	10545	216	116	20	1740	42	23	4	645	9	5	0
1908	10600	216	154	20	1750	34	19	2	650	9	6	0

31st Dec., 1908.

TABLE III.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1908.

NOTIFIABLE DISEASE.	Cases notified in whole District							Total cases notified in each locality			No. of Cases removed to Hospital from each locality.			
	At All Ages.	At Ages—Years.						Cleckheaton.	Scholes.	Oakenshaw.	Cleckheaton.	Scholes.	Oakenshaw.	Total Cases removed to Hospital.
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.							
Small-pox														
Cholera														
Diphtheria (including Membranous croup)	4		1	3				3		1	1			1
Erysipelas	8			3		5		8						
Scarlet fever	31		15	14	1	1		30	1		26	1		27
Typhus fever														
Enteric fever	3			1	1	1		3			2			2
Relapsing fever ...														
Continued Fever ...														
Puerperal fever ...	1					1		1						
Plague														
TOTALS	47	0	16	21	2	8	0	45	1	1	29	1	0	30

31st Dec., 1908.

TABLE IV.

CAUSES OF, AND AGES AT, DEATH DURING YEAR 1908.

CAUSES OF DEATH.	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District.						
	All ages.	Under 1 year.	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards
1	2	3	4	5	6	7	8
Small Pox	0						
Measles	0						
Scarlet Fever	0						
Whooping Cough	1	1					
Diphtheria (including Membranous Croup)	2		1	1			
Croup	0						
Fever — Typhus	0						
Fever — Enteric	1					1	
Fever — Other, continued ...	0						
Epidemic Influenza	0						
Cholera	0						
Plague	0						
Diarhœa	3	3					
Enteritis	2					2	
Puerperal Fever	1					1	
Erysipelas	0						
Other Septic Diseases	0						
Phthisis (Pulmonary Tuberculosis	9				5	4	
Other Tubercular Diseases ...	3			1	2		
Cancer, Malignant Disease ...	15					10	5
Bronchitis	25	5	5			4	11
Pneumonia	4		1			3	
Pleurisy	0						
Other Diseases of Respiratory Organs	6	2				3	1
Alcoholism, Cirrhosis of Liver ...	4					2	2
Venereal Diseases	0						
Premature Birth	6	6					
Diseases and Accidents of Parturition	2				1	1	
Heart Diseases	22			2	1	11	8
Accidents	2				1	1	
Suicides	2					2	
All other causes	69	13	5	5	2	16	28
All causes ...	179	30	12	9	12	61	55

31st Dec., 1908.

TABLE V.

INFANTILE MORTALITY DURING THE YEAR 1908.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.		Under 1 Week	1—2 Weeks
ALL CAUSES.	Certified	3	1
	Uncertified	0	0
i. Common Infectious Diseases.	Small-pox		
	Chicken-pox		
	Measles		
	Scarlet Fever		
	Diphtheria (including Membranous Croup)		
	Whooping Cough		
ii. Diarrhœal Diseases.	Diarrhœa, all forms		
	Enteritis, Muco-enteritis, Gastro-enteritis		
	Gastritis, Gastro-intestinal Catarrh ...		
iii. Wasting Diseases.	Premature Birth	3	
	Congenital Defects		
	Injury at Birth		
	Want of Breast-milk, Starvation ...		
	Atrophy, Debility, Marasmus... ...		1
iv. Tuberculous Diseases.	Tuberculous Meningitis		
	Tuberculous Peritonitis, Tabes Mesentercia		
	Other Tuberculous Diseases		
v. Other Causes.	Erysipelas		
	Syphilis		
	Rickets		
	Meningitis (*not Tuberculous*)		
	Convulsions		
	Bronchitis		
	Laryngitis		
	Pneumonia		
	Suffocation, overlaying		
	Other Causes		
	TOTAL ...	3	1

Births in the Year { Legitimate, 248. Illegitimate, 11. } Deaths in the year of { Legitimate Infants, 29. Illegitimate Infants, 1. }

Deaths from all causes at all Ages...179.

31st Dec., 1908.

TABLE V.

INFANTILE MORTALITY DURING THE YEAR 1908.

Deaths from stated Causes in Weeks and Months under One Year of Age.

2—3 Weeks	3—4 Weeks	Total under 1 month.	1—2 Months	2—3 Months	3—4 Months	4—5 Months	5—6 Months	6—7 Months	7—8 Months	8—9 Months	9—10Months	10—11 Months	11—12 Months	Total Deaths under One Year.
3	1	8	8	4	2	0	1	0	3	1	1	0	2	30
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				0	1									1
			1	1	1									3
		3	2	1										6
		1												1
1														
1		1												1
		1	1	1										3
			1						1				1	3
									1	1	1			3
			3	1			1		1				1	7
1	1	2												2
3	1	8	8	4	2	0	1	0	3	1	1	0	2	30

Population. Estimated to middle of 1907...12930.

31st Dec., 1908.

Table showing Population, Births, etc., in some West Riding towns from which Returns were received.

Town.	Population, 1908.	Births.		Deaths.		Zymotic Death Rate.	Phthisis Death Rate.	Respiratory Diseases Death Rate.	Infantile Deaths per 1000.	No. of Notifications Received.
		No.	Rate per 1000.	No.	Rate per 1000.					
Brighouse	23365	452	20.21	328	14.21	1.20	1.43	2.90	103	65
Liversedge	15052	389	24.7	169	16·2	2·3	1·10	2.2	146.9	64
Mirfield	11126	265	23·81	168	19·09	·72	·8	1.88	70·56	53
Pudsey	13800	282	20.3	192	13·8	.6	.7	2·2	113·	44
Gomersal	4206	78	18·54	66	15.69		1·18	3·09	89.	14
Cleckheaton... ...	**13000**	**259**	**19.92**	**179**	**13·61**	**·53**	**·69**	**2·69**	**115.8**	**47**

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